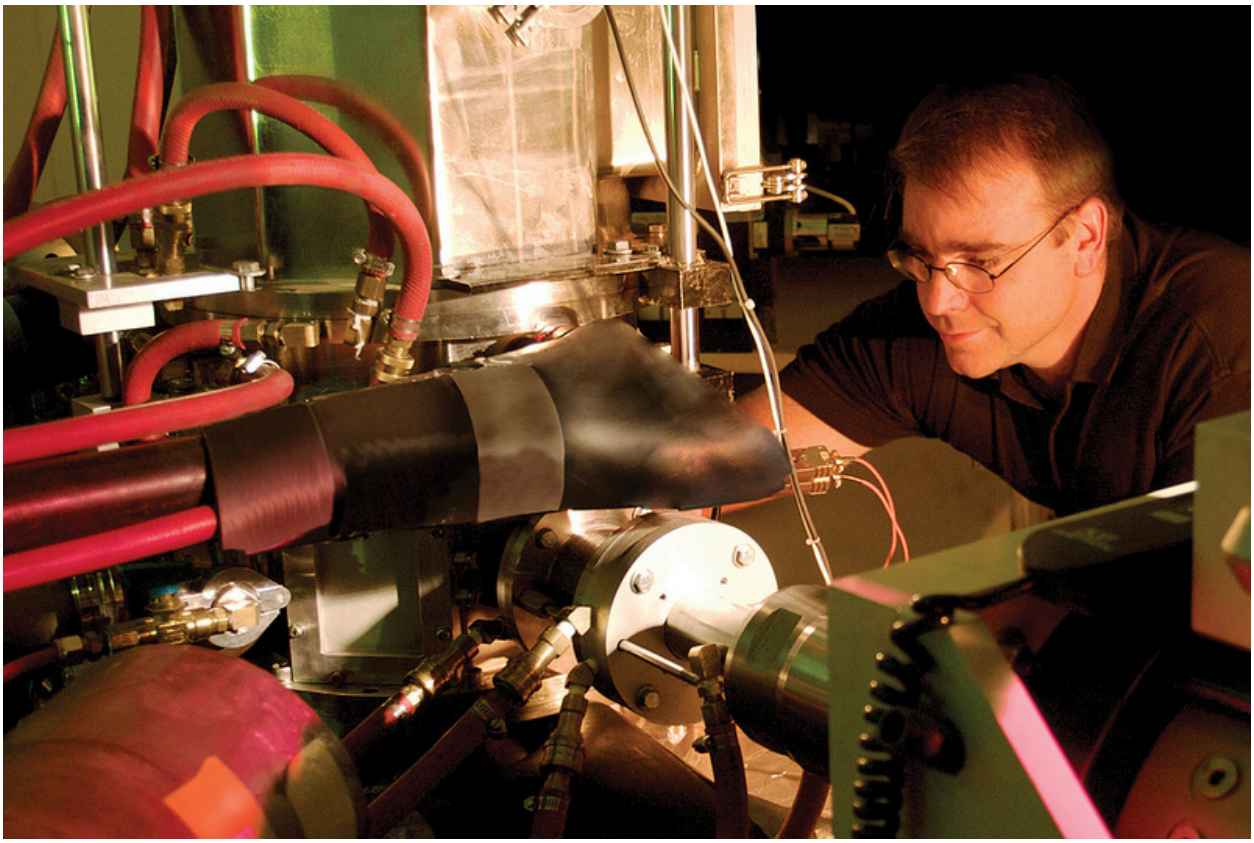
# Call issued for Lujan Neutron Scattering Center proposals

May 20, 2014



The Lujan Neutron Scattering Center invites proposals addressing science of NNSA and LANL programmatic interest for the 2014 run cycle. Due to the proposed cessation of funding for the Lujan Neutron Scattering Center operations from the DOE's Office of Science-Basic Energy Sciences, this call for proposals for Lujan Center neutron scattering instruments is limited to NNSA-related work across all NNSA sites, Work for Others (WFO) and LANL internal users. Proposals that involve proprietary work or WFO will be considered using a full cost recovery model. The deadline for proposal submission is 5 p.m. (MDT) Friday, June 6. Successful proposals will be scheduled between Oct. 7 and Feb. 26 2015. Proposals for Nuclear Science research (on Flight Paths 5, 12 and 14) are already covered in the Nuclear Science proposal call.

Lujan Center capabilities include

- Neutron powder diffraction (high resolution, high intensity, engineering)

- Neutron Single crystal diffraction
- Neutron reflectometry (polarized and unpolarized)
- Inelastic neutron scattering / spectroscopy
- Small angle neutron scattering
- Neutron radiography/tomography

The Lujan instruments webpage contains information on Lujan Center instruments and capabilities. Additional information on sample environment and specialized ancillary equipment available can be found on online. For any other questions, contact the Lujan User Program office.

Lujan Center areas of research include the following:

- local structure, equation of state, surfaces, interfaces and defects
- residual and induced stress, phase transformations
- texture, corrosion, in-situ phase transformations under P, T, H
- polymers, membranes, proteins

For more information see Lujan Center Science Thrust Areas and Lujan Center User Resources.

Proposers are encouraged to contact Lujan scientists. Proposals may be submitted online by 5 p.m. June 6. The proposal text should not exceed two pages. For information on how the proposal submission process works, go to the proposal process webpage.

To submit a classified proposal, please contact Anna Llobet (505-665-1367). For any additional questions, contact the Lujan User Program Office.

*Caption for image below: Jarek Majewski and John Yeager set up experiment on SPEAR (surface profile analysis reflectometer) neutron diffractometer.*